



DRAGON R/T (1-3KVA) 1:1Phase

Online Double Conversion UPS

Rack mount /Tower

Application:

PC ,Workstation , Network center, SOHO, Server , Industry equipment, medical equipment, Or other critical system

Features:

- 1.Online-Double conversion(PFC)
- 2.Full digital control (DSP)
- 3.Economic Operation Mode (ECO)
- 4.Wide input voltage range
- 5.Self-testing When UPS startup
- 6.Cold start (DC)
- 7.Secondary power down function
- 8.Multifunctional protection
- 9.Output bypass can be set
- 10.Input neutral and live wires reverse detection
- 11.Charger can be extended
- 12.Diverse options of accessories , intelligent management

Rack-Tower convertible

Optimized battery configuration

1K-24V,2K-48V,3K-72V



Output Power factor:0.8

DSP control

Multifunctional bracket

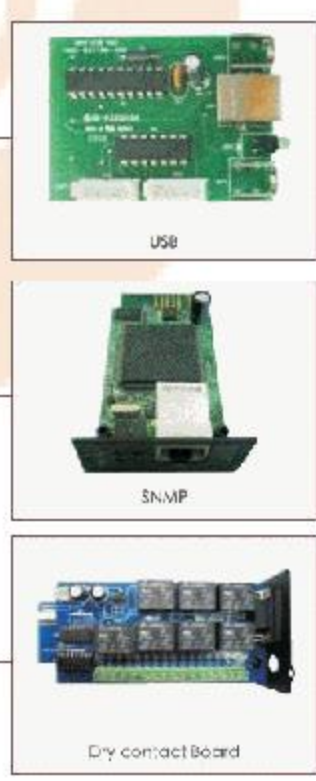


LCD display



Two directions LCD display

Rear Panel



Intelligent slot optional



Model		D- R/TS 1 KVA	D-R/TH 1KAV	D- R/TS 2KVA	D-R/TH 2KAV	D-R/TS 3KVA	D- R/TH 3KVA
Capacity (VA/W)		1000 VA/800W		2000VA/1600 W		3000 VA/2400w	
Input	Voltage rang	115~295VAC					
	Frequency rang	45-55Hz±0.5Hz @50HZ or 55-65Hz±0.5Hz @60HZ					
	Phase/Wire	Single, Line+Neutral+Ground					
	Power factor	≥0.98					
	Current THD	≤6%(100%non-linear load)					
	Rated Voltage	220 VAC					
	Bypass Voltage rang	186VAC-252VAC					
	Generator	Support any generator					
Output	Voltage	208/220/230/240vac					
	Phase	Single phase & Ground					
	Voltage Regulation	± 2%					
	Power Factor	0.8					
	Wave Form	Sine Wave					
	Frequency	(50/60) Hz					
	Frequency Regulation	± 0.2HZ					
	Transfer time	0ms					
	Crest Factor	3:1					
	Efficiency (AC Mode)	87%		88%		88%	
	Efficiency(Battery Mode)	85%		85%		85%	
	Efficiency(ECO Mode)	≥94%					
	THD	≤ 3% (100%linear load)					
		≤5% (100%non-linear load)					
DC Start	Yes						
Battery	type	Sealed Lead acid maintenance Free					
	Quantity	2 pcs		4 pcs		6 pcs	
	voltage	24 V DC		48 V DC		72 V DC	
	Charge Current(A)	1A	7A/14A	1A	7A/14A	1A	7A/14A
Display	Status on LED+LCD	Line mode , Backup mode ,By pass supply ,Battery low ,UPS fault, Overload , test mode, Transferring with Interruption, & UPS Fault					
	Readings on LCD	Input Voltage , Input Frequency .Output Voltage , Output Frequency , Load Percentage , Battery Voltage & Inner Temperature					
Protection	Overload	108%±5%<load≤150%±5% exceed 30s transfer to bypass and warning 150%±5%<load≤200%±5% exceed 300ms transfer to bypass and warning					
	Short Circuit	Yes and cut off output					
	Over heat	AC mode : Switch to Bypass Back up mode : UPS shuts down immediately					
	Battery Low	Alarm and switch off					
Alarm	Audible and Visual	Line Failure , Battery Low , Transfer to Bypass, System Fault Condition					
System	Feature	Full digital control(DSP) ,Economic operation mode(ECO) ,Wide input voltage range Charger can be extended , Divers options of accessories , intelligent management					
	Topology	True On line Double Conversion					
	MTBF	100,000 Hours					
Physical	Dimensions(W×D×H)-mm	440×380×86.5			440×520×131		
	Protection degree	IP20					
	Net Weight – kg	12kg	7kg	21.5kg	11.5kg	26kg	11.7kg
Work Environment	Temperature	0°C-40°C					
	Humidity	0~95%(Non condensing)					
	Store temperature	-25°C~55°C					
	Noise	<38 dB (at 1 meter)					
Interface	Communication Interface	RS232 port , optional (USB port , USB card , SNMP card)					
Safety Conformance	Industry Standard	YD/T 1095-2000					
	Safety Standard	IEC6204-1,GB4943-2005					
	EMC Standard	IEC62040-2,IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5					
	Mark	TLC/CE/UL/SGS					